



FIG. 1A



FIG. 1B



205080 T625500T

2/15

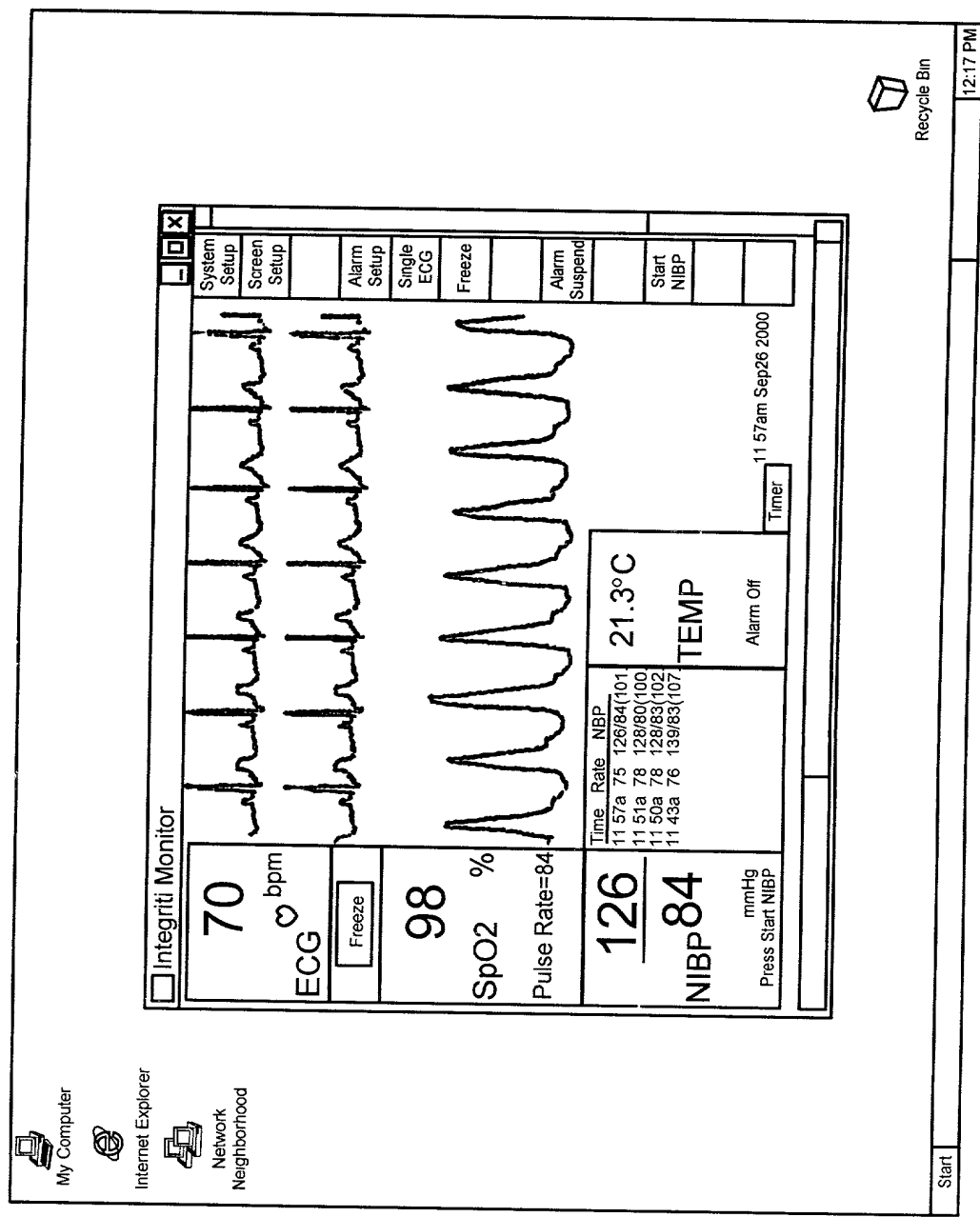


FIG. 2



205050" T6/5500T

System	ECG	SpO2	NIBP	TEMP
Controls for System Setup				
Current Profile				Monitor Status
Factory				
Alarm Suspend Time	180	seconds		Profiles
Alarm Volume	High			
Tone Volume	6			
Heart Rate Source	AUTO			
				Color...
				Cancel
				Save

System Setup Control Popup

FIG. 3A



System ECG SpO2 NIBP TEMP

Controls for System Setup

Current Profile

Factory

Alarm Suspend Time 180 seconds

Alarm Volume 180

Tone Volume 150

Heart Rate Source 120

90

60

30

Monitor Status

Profiles

Color...

Cancel

Save

Alarm Suspend Pull Down Has Been Clicked On

FIG. 3B



Controls for Screen Setup				
	ECG			
	SpO2			
NIBP			TEMP	
			Reserved Area	
Add	Delete	Color	Size	Profiles
				Cancel
				Save

Screen format Control Panel

FIG. 4A

Controls for Screen Setup				
	ECG			
	SpO2			
NIBP			TEMP	
			Reserved Area	
Add	Delete	Color	Size	Profiles
				Cancel
				Save

User Has Clicked on ECG

FIG. 4B



6/15

Controls for Alarm Setup

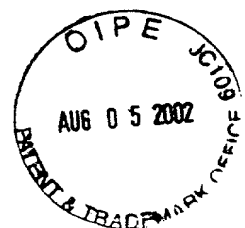
Parameter	Current Value	High Limit	Low Limit	Priority	
ECG	78	110	40	High	<input type="checkbox"/>
SpO2	98	OFF	85	High	<input type="checkbox"/>
NIBP				High	<input type="checkbox"/>
Sys	130	190	OFF		
Dias	85	110	OFF		
Mean	(110)	OFF	OFF		
TEMP	37.0	OFF	OFF	Medium	<input type="checkbox"/>

☒ Display Limits?

Close

Alarm Setup Control Panel

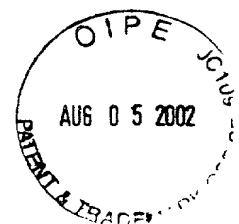
FIG. 5



System	ECG	SpO2	NIBP	TEMP
Controls for ECG				
Alarm High	110			
Alarm Low	40			
Alarm Priority	High			
Size	1			mV/cm
Lead Select	II			
Filter	60Hz			
Sweep Speed	25			mm/sec
<input type="checkbox"/> Patient Paced				Color...
<input checked="" type="checkbox"/> QRS Tone		<input type="checkbox"/> Record On Alarm		Cancel
<input type="checkbox"/> Display Units				
<input checked="" type="checkbox"/> Cascade ECG				Save

ECG Popup Control Panel

FIG. 6A



9/15

System ECG SpO2 NIBP TEMP

Controls for Pulse Oximetry

Alarm High OFF

Alarm Low 85

Alarm Priority High

Average over 2 seconds

Sweep Speed 25 mm/sec

☒ Display Pulse Rate

☐ Display Pulse Bar

☐ Display Units

Color...

Cancel

Save

Control Popup for SpO₂

FIG. 7



10/15

System	ECG	SpO2	NIBP	TEMP
Controls for Noninvasive Blood Pressure				
Alarm Limits		High	Low	
Systolic		190 ▼	OFF ▼	
Diastolic		110 ▼	OFF ▼	
Mean		OFF ▼	OFF ▼	
Alarm Priority		High ▼		
Displayed Values		SDM ▼		Stat NIBPs for 5 Minutes
Auto Mode		OFF ▼		Color...
1st Inflation		160 ▼		Cancel
<input checked="" type="checkbox"/> Display Units				Save
<input checked="" type="checkbox"/> Completion Tone				

Control Popup for NIBP

FIG. 8



System ECG SpO2 NIBP TEMP

Controls for Temperature

Alarm High OFF

Alarm Low OFF

Alarm Priority Medium

Units Celsius

☐ Display Units

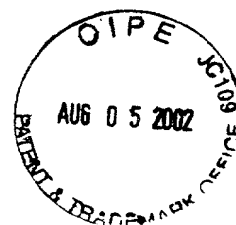
Color...

Cancel

Save

Temperature Control Panel Popup

FIG. 9



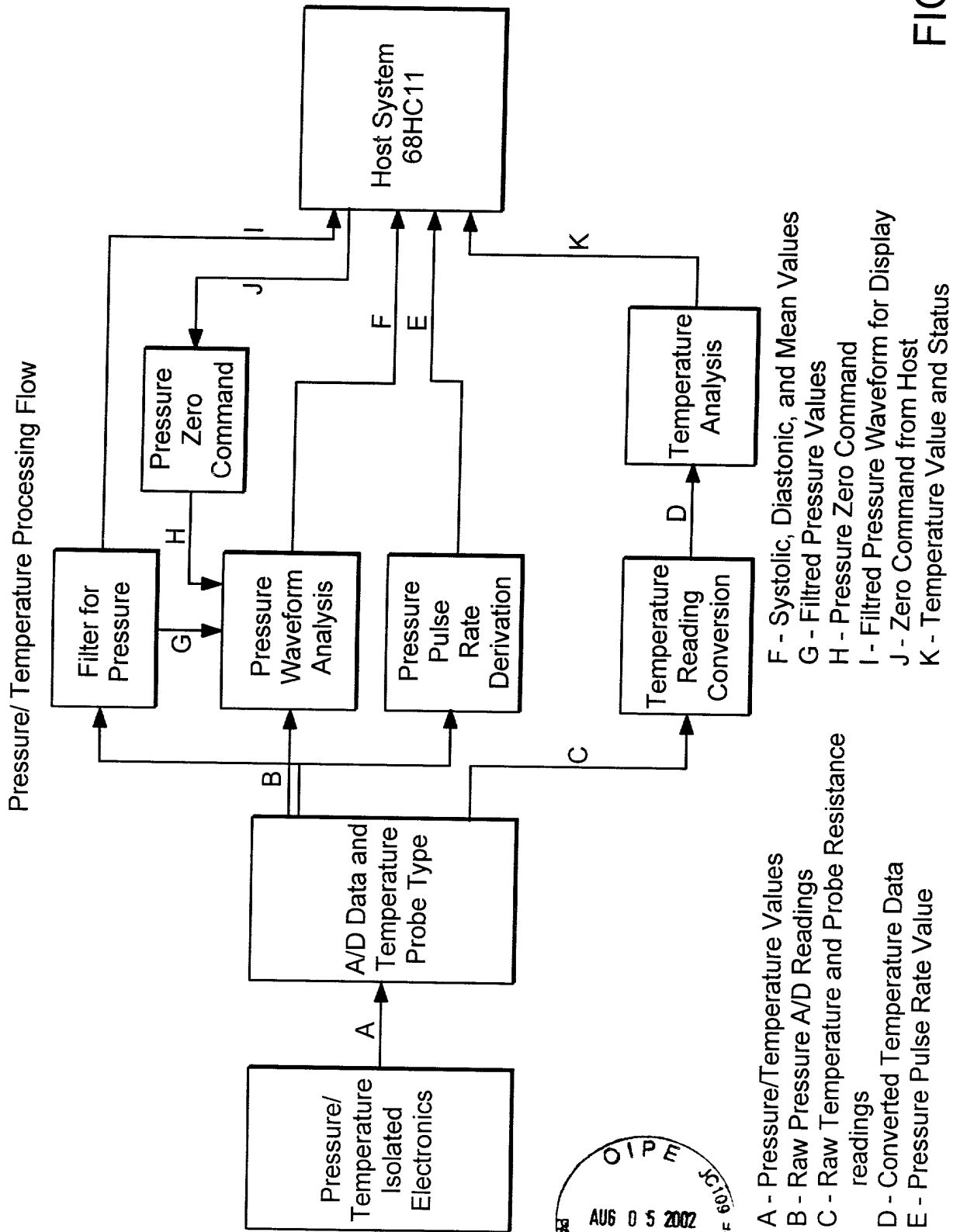
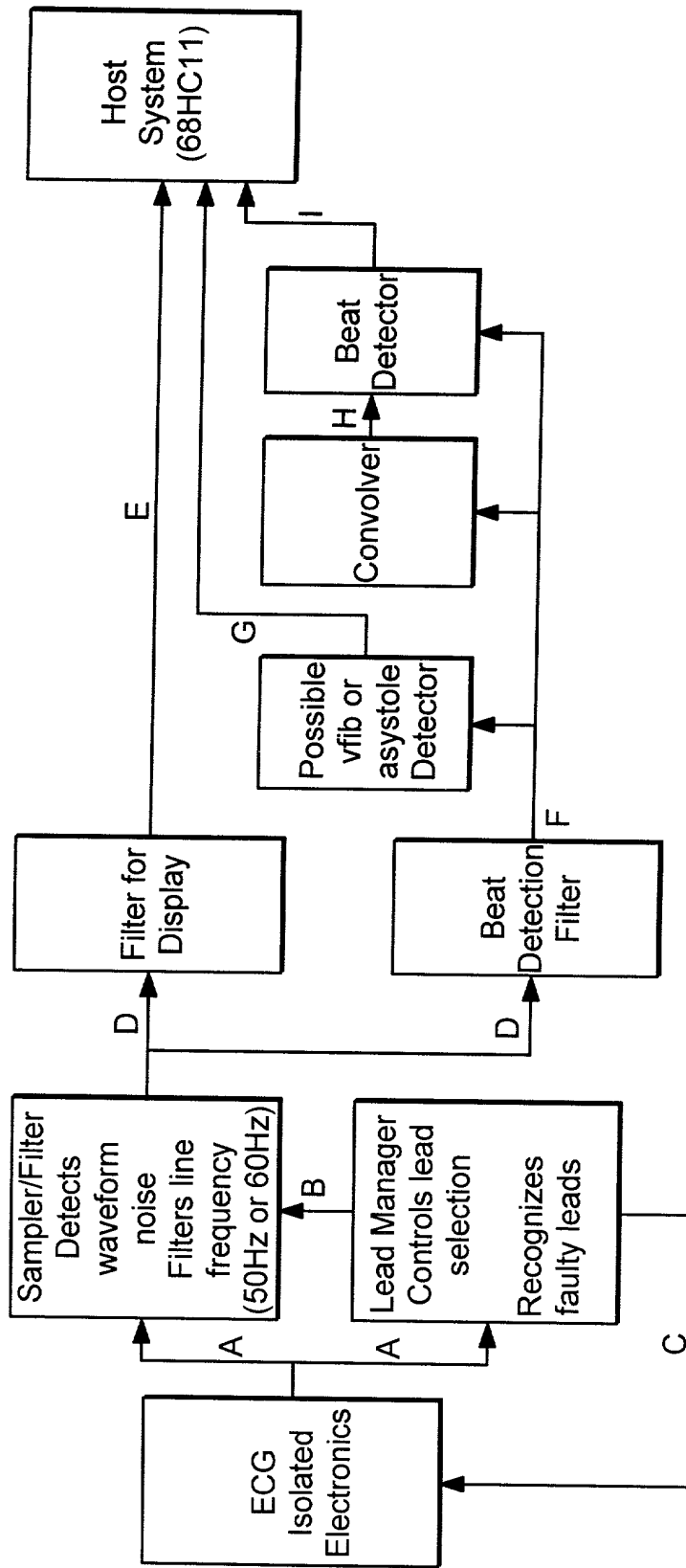


FIG. 10

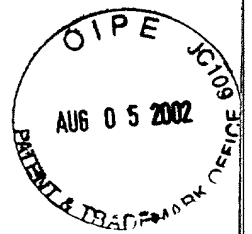


ECG Processing Flow



- A - Raw ECG Data from A/D Converter
- B - Lead Selection Information
- C - Lead Selection Control Lines
- D - Valid ECG Data
- E - ECG Waveform Display Data
- F - Filtered ECG Data for Beat Detection
- G - ECG HR is 0 (possible asystole or vfib)
- H - Beat Detection Signal with QRS information
- I - ECG HR Value

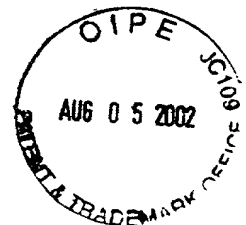
FIG. 11



SMS Patient Data Transfer [X]

Temperature °F	<input type="text" value="98.6"/>	Resp Rate (0-50)rpm	<input type="text"/>
Pulse Rate(bpm)	<input type="text" value="78"/>	Height (0-84)in	<input type="text"/>
O2 Sat (%)	<input type="text" value="98"/>	Weight (0-300)lbs	<input type="text"/>
Systolic BP (mmHg)	<input type="text" value="130"/>	Pain Scale (0-10)	<input type="text"/>
Diastolic BP	<input type="text" value="85"/>	Violence Scale (0-60)	<input type="text"/>

FIG. 12



205080" T6/5500T

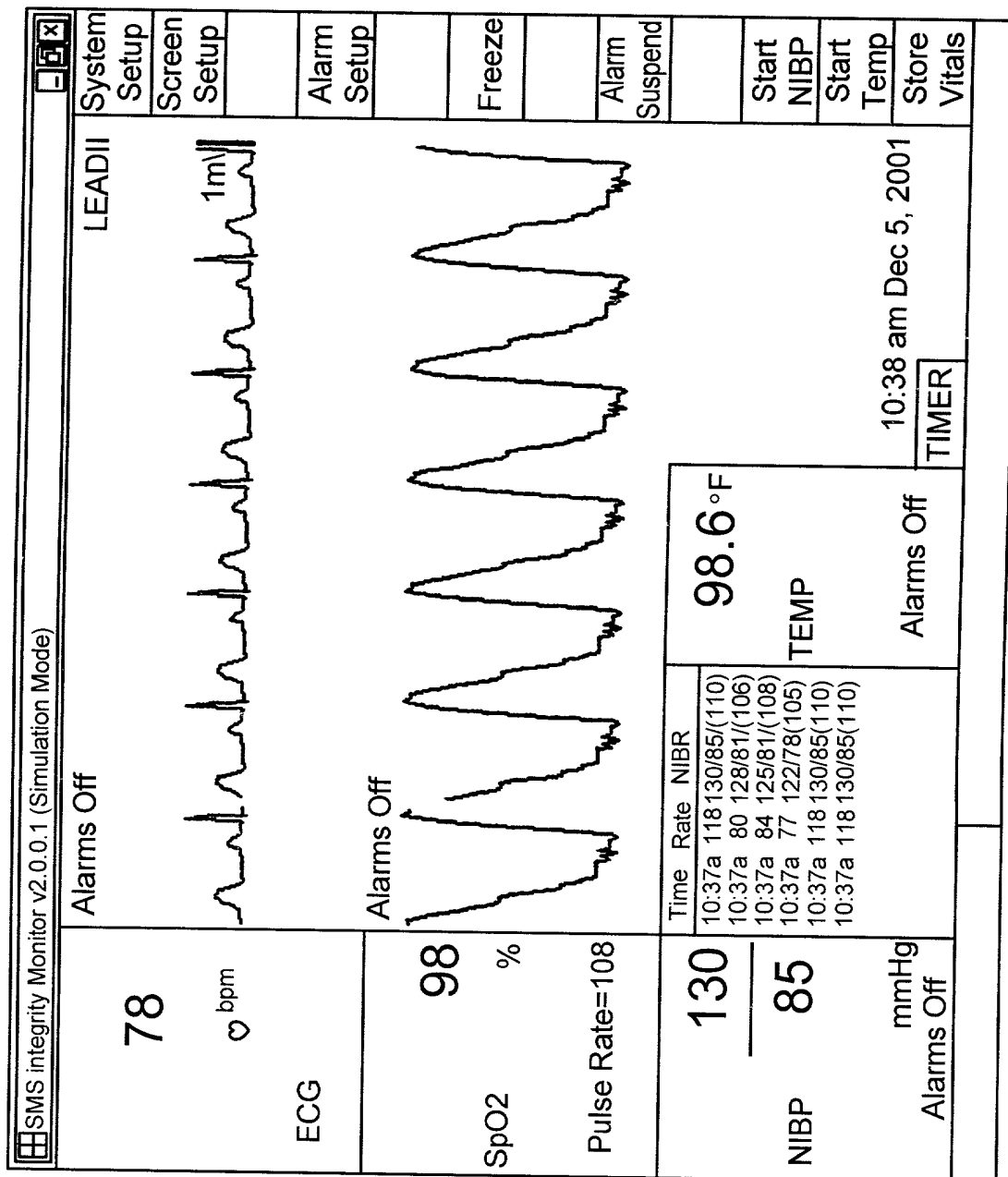


FIG. 13

